

Agenda

SusTech Summit 2014 Sustainable Chemical Technologies Summit

Corwin Pavilion, UC Santa Barbara
Sept 30 – Oct 1, 2014

Tuesday, September 30, 2014

1:00 pm	Chancellor Henry Yang UC Santa Barbara	<i>The Vision of Duncan and Suzanne Mellichamp</i>
1:10 pm	Susannah Scott UC Santa Barbara	<i>Integrating Chemistry, Engineering, Economics and Communication for Sustainability</i>
1:25 pm	István Horváth City University of Hong Kong	<i>Green or Sustainable or Suitable Chemistry and Engineering?</i>
2:05 pm	Shawn Hunter The Dow Chemical Company	<i>Developing Solutions to World Challenges Via Life Cycle Thinking: From the How to the What</i>
2:45 pm	Thomas Jaramillo Stanford University	<i>Catalyzing New Routes for the Sustainable Production of Fuels and Chemicals</i>
3:25 pm	<i>Coffee Break</i>	
3:45 pm	Bhavik Bakshi The Ohio State University	<i>Seeking Synergies Between Technological and Ecological Systems for Sustainability</i>
4:25 pm	Eugene Chen Colorado State University	<i>Towards Green Routes to Sustainable Polymeric Materials, Fine Chemicals, and Liquid Fuels</i>
5:05 pm	Cliff Kubiak UC San Diego	<i>Earth-Abundant Transition Metal Catalysts for the Conversion of CO₂ to CO, HCOOH and Liquid Fuels</i>
5:45 pm	<i>Reception and Posters</i>	

Wednesday, October 1, 2014

8:30 am	Sangwon Suh UC Santa Barbara	<i>Toward the Open-Access Tool for Rapid Life Cycle Assessment of Chemicals</i>
8:45 am	Joe Powell Shell Global	<i>Sustainable Energy and Chemicals: Responsibly Engineering the Future</i>
9:25 am	Robert Brown Iowa State University	<i>Thermal Fractionation of Biomass into Biorenewable Fuels and Chemicals</i>
10:05 am	<i>Coffee Break</i>	
10:25 am	Henry King Unilever	<i>Life Cycle Assessment in Unilever: Experiences and Challenges</i>
11:05 am	Sabrina Spatari Drexel University	<i>Technological, Climate Change and Sustainability Aspects of Future Transportation Fuels</i>
11:45 am	<i>Lunch and Posters</i>	
1:30 pm	Peter Ford UC Santa Barbara	<i>Overview of CenSURF, the NSF Center for the Sustainable Use of Renewable Feedstocks</i>
1:45 pm	Mahdi Abu-Omar Purdue University	<i>Sustainability through Catalysis: Making Biofuels and Chemicals from Biomass</i>
2:25 pm	Vojislav Stamenkovic Argonne National Lab	<i>Energy and Fuels from Tailored Electrochemical Interfaces</i>
3:05 pm	André Taylor Yale University	<i>High Performance Carbon- and Organic-Based Materials for Energy Conversion and Storage</i>
3:45 pm	<i>Coffee Break</i>	
4:05 pm	Alissa Park Columbia University	<i>Towards Sustainable Energy and Materials: Carbon Capture, Utilization and Storage</i>
4:45 pm	John Holladay Pacific Northwest National Lab	<i>Energy Carriers for Sustainable Transportation</i>
5:25 pm	Susannah Scott UC Santa Barbara	<i>Wrap-up</i>